# POLLUTION PREVENTION SERVICES

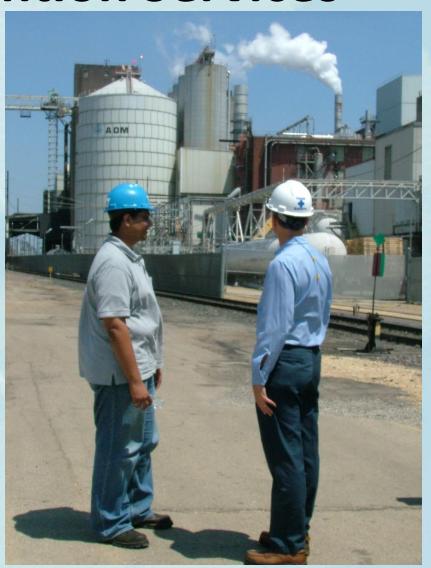
November 10, 2015 "RCRA Simplified"

Working together to achieve economic and environmental results

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#### **Pollution Prevention Services**

- Confidential
- Non-regulatory



#### **Client Base**

- Business & Industry
- Institutions
- Government Agencies
- Toxic Release Inventory Reporters
- RCRA Large Quantity
  Generators
- Large Energy Users



#### **Services Offered**

#### Assistance focused on our client's needs

- Opportunity Assessments
  - Focused or walkthrough
  - Process
- Energy
  - Compressor Utilization
  - HVAC Efficiency
  - Lighting Effectiveness
- Water
  - Water use
  - Wastewater
- Waste
  - Hazardous waste
  - Solid waste
- Pollution Prevention Intern Program

- EMS Support
- Workshops and Training
- P2 Resource Library



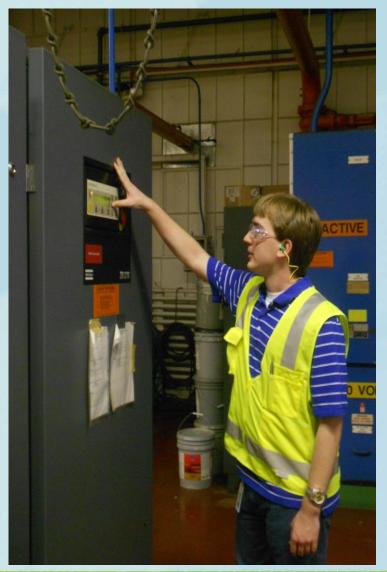


#### **Measurable Outcomes**

\$78.1 Million

#### in *implemented* savings:

1.4 Million gallons	Water
219,098 tons	Solid Waste
8,312 tons	Hazardous waste
42,817 grams	Mercury
377 Million	kWh
9.7 Million	Therms
11,418	MTCO <sub>2</sub> e



# **P2 Company Profile**

Company: Sivyer Steel Corporation

- Bettendorf, IA
- Project focus:
  - Solid Waste reduction
  - Zero Waste Initiative
- Identified opportunities:
  - Single Stream recycling
  - Wood recycling
  - Cardboard, Shrink Wrap & Super Sack recycling
  - Nylon banding
  - Waste-to-energy



**Total Savings: \$41,356** 

Implemented: \$37,526

Recommended: \$3,830

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# **P2 Company Profile**

Company: Eagle Window & Door

- Dubuque, IA
- Project focus:
  - Hazardous waste generation
  - Solvent recycling
- Identified opportunities:
  - Improved solvent recycling equipment
  - Optimize paint process to increase solvent recovery
  - Optimize cleaning control system to reduce solvent usage

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Recommended:



**Total Savings: \$99,762** 

Implemented: \$28,316

\$71,446

# **P2 Company Profile**

Company: UnityPoint Health – Des Moines

- Des Moines, IA
- Project focus:
  - Reduce hazardous waste generation
  - Reduce Impacts of Incineration
- Identified opportunities:
  - Liners in hazardous waste containers
  - Education Campaign
  - Pyxis Relocation
  - Aerosol Recycling
  - PVC-Free IV Bags

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**Total Savings: \$58,163** 

Implemented: \$14,536

Recommended: \$43,627

# **Additional Project Examples**

- Waste reduction
- Process optimization minimizing scrap rates, etc.
- Hospital waste reduction
- Medical waste
- Organic waste
- Chemical reduction / reuse
- Special waste
- ...and many more







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#### **Contact**

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# McCoy's RCRA Review

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